

CASAMBI - CBU-PWM4 Controller

Description

CBU-PWM4 is a Bluetooth controllable, Casambi enabled four channel PWM dimmer for constant voltage LED loads, such as LED strips and constant voltage LED modules. It is connected between a 12-24 VDC power supply and the constant voltage LED load.

CBU-PWM4 can control up to four channels making it an ideal partner for RGBW and tunable white (TW) applications. The maximum combined output current is 6 A which can be freely divided between 1-4 channels. CBU-PWM4 is protected against overvoltage, overcurrent and short circuit situations.



Technical data

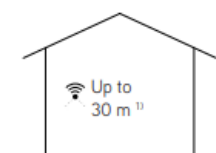
Input

Voltage range: 12-24 VDC
Max. input current: 6 A
No-load standby power: < 0,3 W

Mechanical data

Dimensions: 72,6 x 30,0 x 18,0 mm
Weight: 23 g
Degree of protection: IP20 (indoor use only)

Range



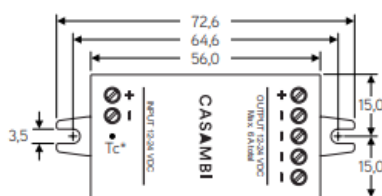
Casambi uses mesh network technology so each CBU-PWM4 acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.



Compatible devices:
iPhone 4S or later
iPad 3 or later
iPod Touch 5th gen or later
Android 4.4 KitKat or later devices
produced after 2013 with full BT 4.0 support

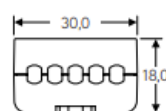
¹⁾ Range is highly dependant on the surrounding and obstacles, such as walls and building materials.

Dimensions

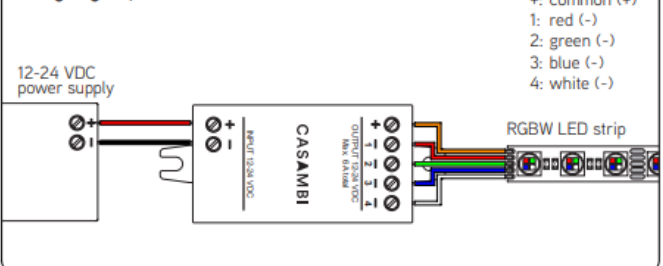


* Tc point is on bottom side

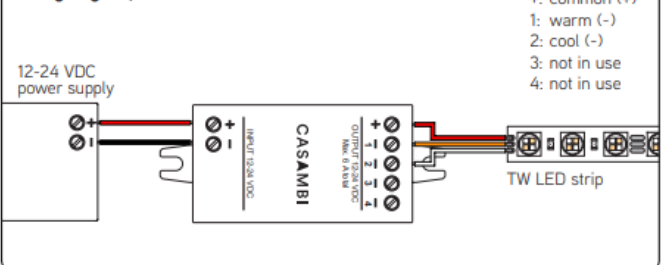
Wire info:
Solid and stranded:
0,75-1,5 mm²/14-22 AWG
Strip length: 6-7 mm
Tightening force: 0,4 Nm



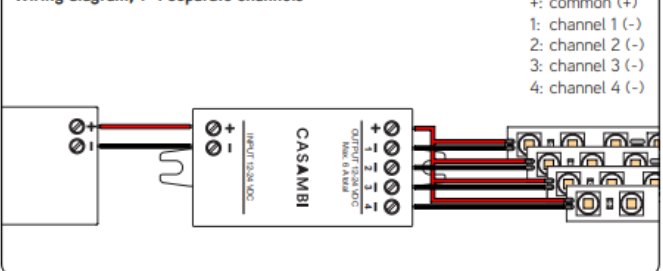
Wiring diagram, RGBW



Wiring diagram, tunable white



Wiring diagram, 1-4 separate channels



Get in touch

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